# DECTUARIETION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence,	post	office	address	and	citicenship	are	85	stated	below	next	to m	y name	٠;
---------------	------	--------	---------	-----	-------------	-----	----	--------	-------	------	------	--------	----

t believe t am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SYSTEM AND METHOD FOR FINDING THE MOST LIKELY ANSWER TO A NATURAL LANGURAGE QUESTION the specification of which (check one) \_ is attached hereto. x was filed on Hovember 15, 2000 as United States Application Number: 09/713,075. or PCT International Application Number \_ \_\_(if applicable) and was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed: Priority Claimed Prior Foreign Application(s) Yes No (Number) (Country) (Day/Month/Year Filed) (Day/Month/Year Filed) (Number) (Country) \_\_Yes \_\_\_ No (Country) (Day/Month/Year Filed) (Number) I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below. (Filing Date) (Application Number) (Filing Date) (Application Number) I hereby claim the benefit under 35 U.S.C. '120 of any United States Application(s), or '365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. '112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Status) (patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) (Application Serial No.) (Filing Date) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Stanley B. Green (Reg. 24,351), Richard M. Ludwin (Reg. 33,010), Marc A. Erlich (Reg. 39,966), Douglas W. Cameron (Reg. 31,596), Louis P. Herzberg (Reg. 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Robert P. Tassinari, Jr. (Reg. 36,030), Paul J. Otterstedt (Reg. 37,411), Derek S. Jennings (Reg. 41,473) and Timothy M. Farrell (Reg. 37,321). Send Correspondence to: Louis J. Percello, Intellectual Property Law Dept. IBM Corporation, P.O. Box 216, Youktown Heights, New York 10598 Direct Telephone Calls to: (name and telephone number) Louis J. Percello Brown Full name of sqle or first inventor 's Signature 13 Indian Hill Road, New Fairfield, Connecticut 06812-2544 Residence USA Citizenship

Same as above.
Post Office Address

### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

• • • •

Anni R. Coden	
name of second joint-inventor, if any	
hun K. Coole	May 24 12, 2001
ventor's signature	Dole e
750 Kappock Street, Apt. 1403, Bronx, New York 10463	ů
esidence	
1100	
USA itizenship	
Same as above. Post Office Address	
ost Office Address	
John Martin Prager Pull name of third joint-inventor, if any	
۸ ۱	11
John Mak Trap	1/ay 13 201.
nventor's signature	Date
3 Lochsley Lane, Pomona, New York 10970	
Residence	
USA	
Citizenship	
On the second second	
Same as above. Post Office Address	
Dragomir Radkov Radev	
Dragomir Radkov Radev Pull name of fourth joint-inventor, if any	
	May 23, 2001
Deagonin R. Rade	Date (73, 000)
	2011
2907 Philadelphia Drive, Ann Arbor, Michigan 48103	
desidence	
Bulgaria	
Citizenship	
Same as above.	
Post Office Address	
Valerie Samn	
Valerie Samn Full name of fifth joint inventor, if any	
A . A	11. 12 100
Walene Claman Inventor's Signature	May 23, 200)
3133 Broadway, Apt. 7, New York, New York 10027	
Residence	
USA	
Citizenship	
Same as above.	
Post Office Address	
Full name of sixth joint-inventor, if any	
inventor's signature	Date
•	
Residence	
2: ki zanakia	
Citizenship	
Same as above.	
Post Office Address	

Page 1 of1

## Assignment

Whereas, we

Inventor and City

(1) Eric W. Brown County of Fairfield

(2) Anni R. Coden County of Bronx

(3) John Martin Prager County of Rockland

(4) Dragomir Radkov Radev County of Washtenaw

(5) Valerie Samn County of New York of New Fairfield

and State of Connecticut

and State of New York

of Pomona

and State of New York

of Ann Arbor and State of Michigan

of New York

and State of New York

have invented certain improvements in

TITLE

SYSTEM AND METHOD FOR FINDING THE MOST LIKELY ANSWER TO A NATURAL LANGUAGE QUESTION

and executed, respectively, a United States patent application therefor on

DATES THAT (1)

2001, and (2)

2001, and (3)

2001, and

INVENTORS SIGNED THE

**DECLARATION** 

2001 and (5)

2001.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY (1) a DATE 5/23 on

2001.

(Eric

w

Brown

INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME

Signed

CITY and (2) at DATE 5/24

2001,

Coden ) INVENTOR /( Anni

FIRST NAME MIDDLE INITIAL LAST NAME

Signed

CITY and (3) at

DATE 5/23 on

2001,

Preger > INVENTOR John--Martin

SIGNATURE

SIGNATURE

**SIGNATURE** 

FIRST NAME MIDDLE INITIAL LAST NAME

Signed

CITY and (4) at

DATE 123 on

2001,

Dragomif Radkov

R. RaderSIGNATURE

FIRST NAME MIDDLE INITIAL

Radev ) INVENTOR

LAST NAME

Valerie

**SIGNATURE** Samn ) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (5) at

DATE 5/23 on

2001,



## RECORDATION FORM COVER SHEET PATENTS ONLY

To The Honorable Commissioner of Patents and Trademarks: TRADEN Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Eric William Brown International Business Anni R. Coden Name: Machines Corporation John Martin Prager Dragomir Radkov Radev Address: New Orchard Road Armonk, NY 10504 Valerie Samn Additional name(s) & addresses Additional name(s) of conveying attached? party(ies) attached? Yes X\_No Yes X No 4. Patent Application number(s) 3. Nature of conveyance: X Assignment 09/713,075 Execution Date(s): May 23, 2001 and May Execution Date(s): May 23, 2001 and May 24, 2001 24, 2001 5. Name and address of party to 6. Total number of applications involved: 1 whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Louis J. Percello Name: Address: IBM Corporation X Charge to Deposit Account No.: Intellectual Property Law Dept. P.O. Box 218 09-0468

### DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Louis J. Percello (Reg. No. \$3,206)
Name of Person Signing

Yorktown Heights, NY 10598

Signature

Date

gning

Total Number of pages including over sheet, attachments, and document.

\_2

#### DO NOT DETACH THIS PORTION

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.